

# FCC CERTIFICATION REPORT

## Canada ISED ICES-003 TEST REPORT

Test Report No. : E1/2017/10061

**Applicant** : Huawei Technologies Co., Ltd.  
**Address** : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,  
Bantian, Longgang District, Shenzhen 518129 China (For FCC)  
Administration Building, Headquarters of Huawei Technologies Co., Ltd.,  
Bantian, Longgang District, Shenzhen 518129 China (Peoples Republic Of)  
(For IC)

**Manufacture** : Huawei Technologies Co., Ltd.  
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Administration Building, Headquarters of Huawei Technologies Co., Ltd.,  
Bantian, Longgang District, Shenzhen 518129 China (Peoples Republic Of)  
(For IC)

**Equipment Under Test (EUT) :**  
**Product Name** : HUAWEI MateBook  
**Brand Name** : HUAWEI  
**Model No.** : PL-W29, PL-W09, PL-W19  
**Added Model(s)** : N/A

**Standards** : FCC Part 15:2017, Subpart B, Class B  
Canada ICES-003 Issue 6(June 2016), Class B

**FCC Registration Numbers** : 916890

**Date of Receipt** : Jan. 12, 2017  
**Date of Test** : Jan. 12 ~ Feb. 8, 2017  
**Date of Issue** : Feb. 22, 2017

<b>Test Result :</b>	<b>PASS</b>
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In the configuration tested, the EUT complied with the standards specified above.

**Remarks :**

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report shall not be reproduced except in full, without the written approval of the laboratory. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

**Tested By:**



**Date**

Feb. 22, 2017

**Johnny Ho(Engineer)**

**Approved By**



**Date**

Feb. 22, 2017

**Wisely Huang**  
**(Assistant Supervisor)**



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## Version

Version No.	Description	Date
00	Original report	Feb. 22, 2017

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# 1. General Information

## 1.1 Applicant & Manufacturer Information

Applicant : Huawei Technologies Co., Ltd.  
 Address of Applicant : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen 518129 China (For FCC)  
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 Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen 518129 China (Peoples Republic Of) (For IC)

## 1.2 General Description of EUT

Product Name : HUAWEI MateBook  
 Brand Name : HUAWEI  
 Model No. : PL-W29, PL-W09, PL-W19  
 Added Model(s) : N/A  
 Model Difference : Only Marketing Purpose, Layout and components are the same.  
 FCC ID : QISPL-WX9  
 IC ID : 6369A-PLWX9

### 1.3 Details of EUT

Power Rating : AC 100-240V, 50/60Hz  
 Modes/Function : Please see as below  
 Worst case : CE Worst case:  
 Mode 1: Adapter + USB3.0 HD Link + USB3.0 HD Link + USB Mouse + HDMI Link + BT Link + WiFi (2.4G)Link + CCD + Play 1kHz + Burn in + Screen resolution 1920\*1080 60Hz  
 RE Worst case:  
 Mode 1: Adapter + USB3.0 HD Link + USB3.0 HD Link + USB Mouse + HDMI Link + BT Link + WiFi (2.4G)Link + CCD + Play 1kHz + Burn in + Screen resolution 1920\*1080 60Hz  
 Highest operate description : 3.5GHz

Mode	CPU	Memory	15.6 LCD Panel	SSD	HHD	WLAN+BT	Battery	Adapter	Graphics	WLAN Link
1	Intel 2.7GHz up to 3.5GHz	8GB+8GB DDR4	BOE TV156FHM-NH0	Micron 512GB	Seagate 1TB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340E00	N16S	2.4G
2	Intel 2.7GHz up to 3.5GHz	8GB+8GB DDR4	BOE TV156FHM-NH0	Micron 512GB	Seagate 1TB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340E00	N16S	standby
3	Intel 2.7GHz up to 3.5GHz	8GB+8GB DDR4	AUO B156HAN02.1	Sandisk 512GB	WD 1TB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340U00	N16S	standby
4	Intel 2.5GHz up to 3.1GHz	8GB+8GB DDR4	BOE TV156FHM-NH0	Liteon 512GB	WD 500GB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340E00	NA	standby
5	Intel 2.7GHz up to 3.5GHz	4GB+4GB DDR4	BOE TV156FHM-NH0	Toshiba 256GB	Seagate 500GB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340J00	N16S	standby
6	Intel 2.7GHz up to 3.5GHz	4GB+4GB DDR4	BOE TV156FHM-NH0	Sandisk 256GB	Toshiba 500GB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340B00	N16S	standby
7	Intel 2.7GHz up to 3.5GHz	4GB+4GB DDR4	BOE TV156FHM-NH0	Micron 256GB	Seagate 500GB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340A00	N16S	standby
8	Intel 2.7GHz up to 3.5GHz	4GB+4GB DDR4	BOE TV156FHM-NH0	Liteon 256GB	WD 1TB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340C00	N16S	standby
9	Intel 2.7GHz up to 3.5GHz	8GB+8GB DDR4	BOE TV156FHM-NH0	Sandisk 128GB	Seagate 1TB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340E00	N16S	standby
10	Intel 2.7GHz up to 3.5GHz	8GB+8GB DDR4	BOE TV156FHM-NH0	Toshiba 128GB	Seagate 1TB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340E00	N16S	standby
11	Intel 2.7GHz up to 3.5GHz	8GB+8GB DDR4	BOE TV156FHM-NH0	Liteon 128GB	Seagate 1TB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340E00	N16S	standby
12	Intel 2.7GHz up to 3.5GHz	8GB+8GB DDR4	BOE TV156FHM-NH0	Micron 512GB	Seagate 1TB	Intel 8265HUUW	Huawei HB46K497ECW	HUAWEI HW-190340E00	N16S	5G

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Peripheral List:

Power Adapter	HUAWEI	Model	HW-19034YYYY (Y=0-9,A-Z or blank)
CPU	Intel	Model	Up to 3.5GHz
Memory	Two DDR4 SO-DIMM slots		
Graphics	Integrated Graphic		
	Nvidia N16S		
LCD Panel	BOE	Model	TV156YYY-YYY (Y=0-9,A-Z or blank)
	AUO	Model	B156YYYYY.Y (Y=0-9,A-Z or blank)
WLAN+BT	Intel	Model	8265HUW
Storage	One PCIE/SATA Storage Device		
	One SATA Storage Device		
Battery	One re-chargeable battery pack		
Camera	One Camera optional		

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## 1.4 Operation Procedure

Operating the EUT :

Mode 1:

1. EUT connected to the Adapter.
2. EUT HDMI cable connected Monitor, resolution 1920 \* 1080 60Hz.
3. Two USB port connected HDD, another USB Port connected Mouse.
4. Connect to Earphone, BT Link, Wifi (2.4G) Link, Open CCD, Play 1kHz.
5. Run My Win (H-Patten) to fill the screen with H.
6. Execute test software Burn in (Ver 8.1 ).
7. Start the test.

## 1.5 Description of Support Units

PRODUCT	MANUFACTURER	MODEL NO.	SERIAL NO.
Monitor (EMI)	DELL	U2413f	CN-0TWNFN-72872-4BL-A0DL
Mouse (EMI)	DELL	MS111-T	CN-OKW2YH-71616-345-OL7T
AP	D-Link	DIR-820A1	QBY21D7000776
BT Speaker	Creative	MF8090	YFMF8090245R00855Y
Hard Disk (1)	ADATA	HD650	1F2420044017
Hard Disk (2)	ADATA	HD650	1F2420043962

## 1.6 Modification List

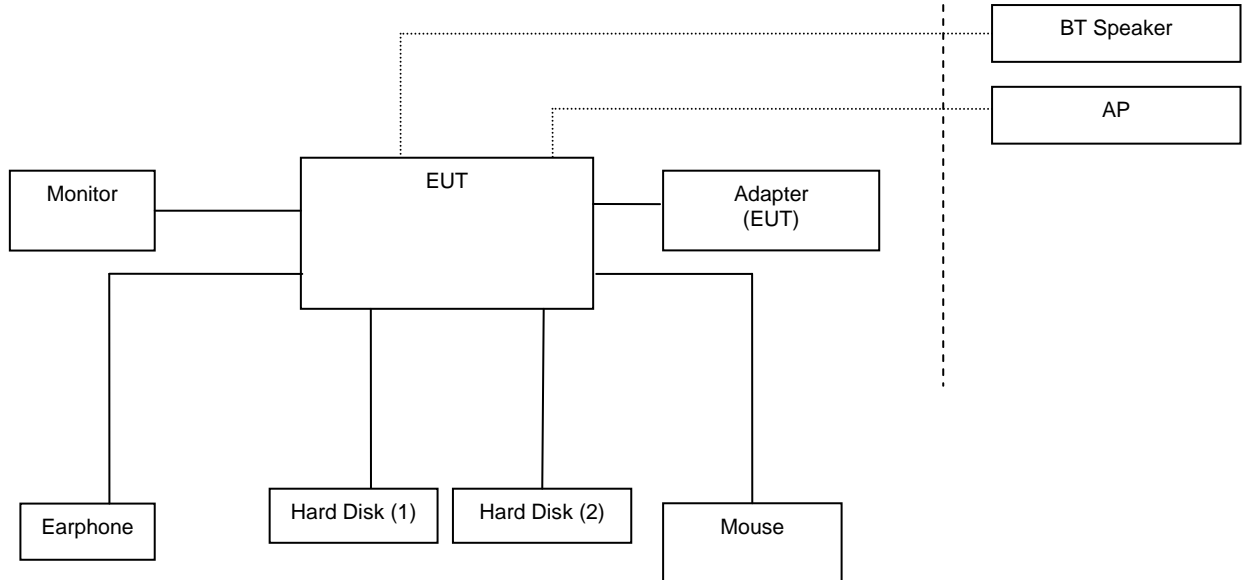
No modification was made by SGS Taiwan Electronics & Communication Laboratory.

## 1.7 Cable List

Cable Type	Core	Length	Shielding/Non-shielding
Adapter Output cable	N/A	1.9m	Non-shielding

## 1.8 Test Set-Up Configuration

Mode 1



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### 1.9 Measurement Procedure

Conducted Emission Testing was performed according to ANSI C63.4:2014 in a shielded room with peripherals placed on a table, 0.8m high over a metal floor. It was located more than required distance away from the shielded room wall.

Radiated Emission Testing was performed according to ANSI C63.4:2014 at the 10m semi-anechoic chamber. The EUT was placed on a 0.8m high table along with the peripherals. The turn table was placed 10m distance from the antenna. Cables were placed in a position to produce maximum emissions as determined by experimentation, and operation mode was selected for production of maximum emission.

The frequencies and amplitudes of maximum emission were measured at varying azimuths, antenna heights and antenna polarities. Maximum emission levels are then reported.

### 1.10 Standards Applicable for Testing

Tests to be carried out under FCC Part 15, Subpart B

Test Standards	Status
FCC Part 15, Subpart B	Applicable
Deviation from Standard	No deviation

### 1.11 Summary of Results

Standard	Test Type	Highest Emission			
		Result	Phase/Pol.	Frequency(MHz)	Margin(dB)
FCC Part 15 Subpart B Class B	Conducted Emission	PASS	Line	3.1860	-7.30(QP)
			Neutral	3.1260	-6.77(QP)
Canada ICES-003 Issue 6 (June.2016),Class B	Radiated Emission	PASS	Ver.	31.0300	-4.60(QP)

## 2. EMISSION

### 2.1 Test Results

	Results
Conducted Emission	<b>Pass</b>
Radiated Emission	<b>Pass</b>

### 2.2 Frequency Range

Conducted Emission : 150 kHz - 30 MHz

Radiated Emission : See below table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

### 2.3 Limits of Conducted and Radiated Emission

#### 2.3.1 Limits of Conducted Emission for FCC Part 15, Subpart B/CISPR 22

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi - peak	Average	Quasi - peak	Average
0.15 - 0.5	79	66	66 - 56	56 - 46
0.50 - 5.0	73	60	56	46
5.0 - 30.0	73	60	60	50

- Note : (1) The lower limit shall apply at the transition frequencies.  
 (2) The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.  
 (3) All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected there to, shall not exceed the level of field strengths specified above.

### 2.3.2 Limits of Radiated Emissions for FCC Part 15, Subpart B/CISPR 22

#### FCC Limit:

- Detector Function : Quasi – Peak

FREQUENCY (MHz)	Class A (at 10m)	Class B (at 3m)
	dBuV/m	dBuV/m
30~88	39	40
88~216	43.5	43.5
216~960	46.44	46
Above 960	49.54	54

- Detector Function : Peak , Average

FREQUENCY (MHz)	Class A (dBuV/m) (at 3m)		Class B (dBuV/m) (at 3m)	
	Peak	Average	Peak	Average
Above 1000-18000	79.3	59.3	73.9	53.9

#### CISPR Limit:

- Detector Function : Quasi – Peak

FREQUENCY (MHz)	Class A (at 10m)	Class B (at 10m)
	dBuV/m	dBuV/m
30-230	40	30
230-1000	47	37

Note : The lower limit applies at the transition frequency.

## 2.4 Test of Conducted Emission

### 2.4.1 Test Equipments

SGS Conducted Emission HWYA Conducted Room No.A EMC					
EQUIPMENT TYPE	Manufacturer	Model Number	Serial Number	Calibration Date	Calibration Due
EMI Test Receiver	R&S	ESCI 3	101311	2016/6/23	2017/6/22
Coaxial Cables	EMC Instruments Corp	EMCRG58-BM-BM-3000	160812	2016/8/30	2017/8/29
LISN	SCHWARZBECK	NSLK 8127	8127-648	2016/6/13	2017/6/12
Pulse Limiter	Narda S.T.S.	PMM PL01	1110X30602	2016/8/12	2017/8/11
LISN	Schwarzbeck	NSLK 8128	NSLK8127-300	2016/6/22	2017/6/21
ISN	TESEQ	ISN T800	34384	2016/3/11	2017/3/10
ISN	TESEQ	ISN ST08	36271	2015/9/30	2017/9/29
Test S/W	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.

SGS Taiwan LTD. Electronics & Communication Laboratory  
No.2, Keji 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)  
Measurement Uncertainty of Conducted Emission  
Expanded uncertainty (K=2) of conducted emission is 2.20 dB  
Expanded uncertainty (K=2) of ISN conducted emission is 3.06 dB

### 2.4.2 Measurement Level Calculation

Factor = LISN insertion loss + Cable loss + Pulse Limiter Insertion Loss

Measurement Level = Reading Level + Factor

Over (Margin) = Measurement Level – Limit

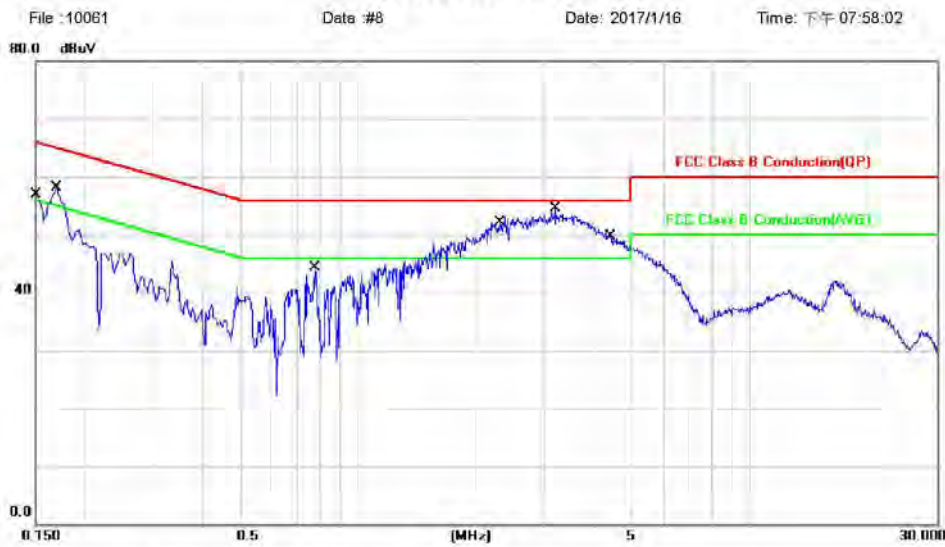
2.4.3 Measurement Data:

Model No.: PL-W29, PL-W09, PL-W19

Mode\_1\_L

Site : Conduction Room      Phase: L1      Temperature: 23 °C  
Limit: FCC Class B Conduction(QP)      Power: AC 120V/60Hz      Humidity: 56 %  
Mode: Mode 1  
Note:

Conducted Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1500	47.70	0.33	48.03	66.00	-17.97	QP	
2		0.1500	19.70	0.33	20.03	56.00	-35.97	AVG	
3		0.1700	54.40	0.34	54.74	64.96	-10.22	QP	
4		0.1700	40.90	0.34	41.24	54.96	-13.72	AVG	
5		0.7800	41.00	0.35	41.35	56.00	-14.65	QP	
6		0.7800	35.60	0.35	35.95	46.00	-10.05	AVG	
7		2.3060	45.80	0.39	46.19	56.00	-9.81	QP	
8		2.3060	29.40	0.39	29.79	46.00	-16.21	AVG	
9 *		3.1860	48.30	0.40	48.70	56.00	-7.30	QP	
10		3.1860	32.20	0.40	32.60	46.00	-13.40	AVG	
11		4.4140	43.20	0.41	43.61	56.00	-12.39	QP	
12		4.4140	30.40	0.41	30.81	46.00	-15.19	AVG	

\*:Maximum data    x:Over limit    !:over margin

File :10061\Data #8

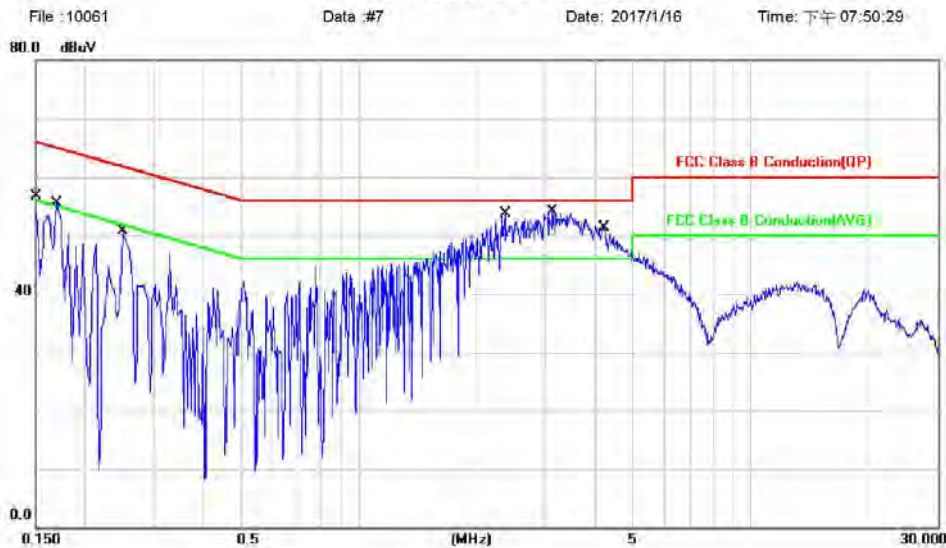
Page: 1



## Mode\_1\_N

Site : Conduction Room      Phase: **N**      Temperature: 23 °C  
Limit: FCC Class B Conduction(QP)      Power: AC 120V/60Hz      Humidity: 56 %  
Mode: Mode 1  
Note:

### Conducted Emission



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1500	47.10	0.38	47.48	66.00	-18.52	QP	
2		0.1500	18.50	0.38	18.88	56.00	-37.12	AVG	
3		0.1707	57.20	0.38	57.58	64.93	-7.35	QP	
4		0.1707	44.90	0.38	45.28	54.93	-9.65	AVG	
5		0.2500	45.20	0.39	45.59	61.76	-16.17	QP	
6		0.2500	33.70	0.39	34.09	51.76	-17.67	AVG	
7		2.3660	47.90	0.42	48.32	56.00	-7.68	QP	
8		2.3660	29.60	0.42	30.02	46.00	-15.98	AVG	
9 *		3.1260	48.80	0.43	49.23	56.00	-6.77	QP	
10		3.1260	31.80	0.43	32.23	46.00	-13.77	AVG	
11		4.2260	45.10	0.44	45.54	56.00	-10.46	QP	
12		4.2260	31.60	0.44	32.04	46.00	-13.96	AVG	

\*:Maximum data    x:Over limit    !:over margin

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## 2.5 Test of Radiated Emission

### 2.5.1 Test Instruments

#### Below 1GHz

SGS Radiated_Below_1GHz HWAYA 10m_EMC					
EQUIPMENT TYPE	Manufacturer	Model Number	Serial Number	Calibration Date	Calibration Due
EMI Test Receiver	R&S	ESCI 3	101342	2016/3/5	2017/3/4
EMI Test Receiver	R&S	ESCI 3	101343	2016/12/21	2017/12/20
Broadband Antenna	SCHWAZBECK	VULB9168	9168-628	2016/9/22	2017/9/21
Broadband Antenna	SCHWAZBECK	VULB9168	9168-629	2016/9/22	2017/9/21
Pre Amplifier	EMC Instruments Corp.	EMC330	980178	2016/3/31	2017/3/30
Pre Amplifier	EMC Instruments Corp.	EMC330	980179	2016/3/31	2017/3/30
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150917	2016/9/18	2017/9/17
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150919	2016/9/18	2017/9/17
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150820	2016/9/18	2017/9/17
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150918	2016/9/18	2017/9/17
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150821	2016/9/18	2017/9/17
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM	150822	2016/9/18	2017/9/17
Controller	MF	MF-7802	N/A	N.C.R.	N.C.R.
Controller	MF	MF-7802	N/A	N.C.R.	N.C.R.
Antenna Master	MF	N/A	N/A	N.C.R.	N.C.R.
Antenna Master	MF	N/A	N/A	N.C.R.	N.C.R.
Antenna Master	MF	N/A	N/A	N.C.R.	N.C.R.
Turn Table	MF	N/A	N/A	N.C.R.	N.C.R.
Site NSA	Chance Most	10M Chamber	10M SAC	2016/12/31	2017/12/31
Test S/W	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.
SGS Taiwan LTD. Electronics & Communication Laboratory No.2, Keji 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) Measurement Uncertainty of Radiated Emission Expanded uncertainty of radiated emission is 4.24 dB. (30MHz ~ 1000MHz)					

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### Above 1GHz

SGS Radiated_Above_1GHz HWAYA 966A EMC					
EQUIPMENT TYPE	Manufacturer	Model Number	Serial Number	Calibration Date	Calibration Due
Spectrum Analyzer	R&S	FSV 40	101419	2016/2/25	2017/2/24
EMI Test Receiver	R&S	ESR 7	101459	2016/2/22	2017/2/21
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D673	2016/10/14	2017/10/13
Pre Amplifier	EMC Instruments Corp.	EMC012645B	980216	2016/4/25	2017/4/24
Coaxial Cable	JUNFLOW	MWX221-NMSNMS	J0778929	2016/4/23	2017/4/22
Coaxial Cable	Huber+Suhner	SUCCOFLEX 104PEA	30255/4PEA	N.C.R.	N.C.R.
Coaxial Cable	EMC Instruments	EMC104-SM-SM	140927	2016/4/23	2017/4/22
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	MY 2152/2	2016/6/5	2017/6/4
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	MY 2153/2	2016/6/5	2017/6/4
Controller	MF	MF-7802	N.C.R.	N.C.R.	N.C.R.
Antenna Master	MF	N/A	N/A	N.C.R.	N.C.R.
Turn Table	MF	N/A	N/A	N.C.R.	N.C.R.
Site VSWR	SGS	966 Chamber A	SAC-A	2017/1/12	2018/1/11
Test S/W	Farad	EZ-EMC	Ver. SGS-03A2	N.C.R.	N.C.R.

SGS Taiwan LTD. Electronics & Communication Laboratory  
No.2, Keji 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)  
Measurement Uncertainty of Radiated Emission  
Expanded uncertainty (k=2) of radiated emission measurement is 4.96 dB. (1-6GHz)  
Expanded uncertainty (k=2) of radiated emission measurement is 5.14 dB. (6-18GHz)  
Expanded uncertainty (k=2) of radiated emission measurement is 4.86 dB. (18-26GHz)  
Expanded uncertainty (k=2) of radiated emission measurement is 4.81 dB. (26-40GHz)

### 2.5.2 Operating Environment

Temperature : 21 degree C                      Humidity : 73 %RH  
Atmospheric Pressure : 996 mBar

### 2.5.3 Measurement Level Calculation

Correction Factor = Antenna Factor + Cable loss- Amplifier Gain  
Measurement Level = Reading Level + Correction Factor  
Over (Margin) = Measurement Level – Limit



## 2.5.4 Measurement Data

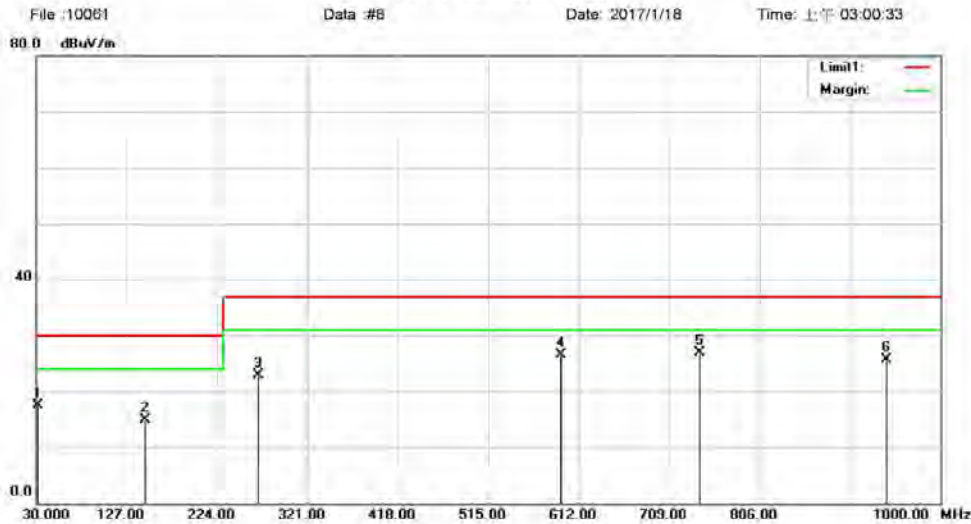
### Below 1GHz

Model No.: PL-W29, PL-W09, PL-W19

### Mode\_1\_H

Site: SGS 10m Chamber	Polarization: <i>Horizontal</i>	Temperature: 21 °C
Limit: CISPR22 Class B 10M Radiation	Power: AC 120V/60Hz	Humidity: 73 %
Mode: Mode_1	Distance:	
Note:		

### Radiated Emission



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		31.3100	30.47	-12.97	17.50	30.00	-12.50	QP	
2		146.2200	26.81	-11.91	14.90	30.00	-15.10	QP	
3		268.4200	34.96	-12.06	22.90	37.00	-14.10	QP	
4		593.3900	30.65	-4.05	26.60	37.00	-10.40	QP	
5 *		741.7800	28.03	-1.13	26.90	37.00	-10.10	QP	
6		941.0700	24.32	1.38	25.70	37.00	-11.30	QP	

\*: Maximum data x: Over limit !: over margin

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## Mode\_1\_V

Site: SGS 10m Chamber      Polarization: **Vertical**      Temperature: 20 °C  
 Limit: CISPR22 Class B 10M Radiation      Power: AC 120V/60Hz      Humidity: 75 %  
 Mode: Mode\_1      Distance:  
 Note:

### Radiated Emission



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	31.0300	38.04	-12.64	25.40	30.00	-4.60	QP	
2		123.0400	35.96	-13.26	22.70	30.00	-7.30	QP	
3		171.8200	31.40	-11.80	19.60	30.00	-10.40	QP	
4		270.7400	35.15	-11.75	23.40	37.00	-13.60	QP	
5		408.1800	31.94	-8.04	23.90	37.00	-13.10	QP	
6	!	729.1300	33.08	-1.18	31.90	37.00	-5.10	QP	

\*:Maximum data    x:Over limit    !:over margin

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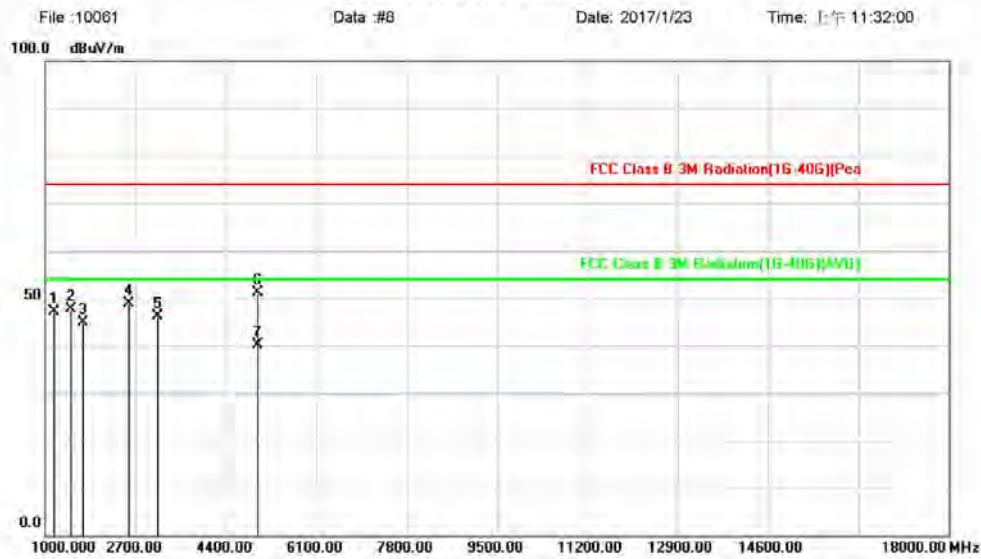
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**Above 1GHz**  
**Model No.: PL-W29, PL-W09, PL-W19**  
**Mode\_1\_H**

Site: SGS 966 Chamber A	Polarization: <i>Horizontal</i>	Temperature: 18 °C
Limit: FCC Class B 3M Radiation(1G-40G)(Pea)	Power: AC 120V/60Hz	Humidity: 59 %
Mode: Mode_1	Distance:	
Note:		

**Radiated Emission**



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		1170.000	70.16	-22.96	47.20	74.00	-26.80	peak	
2		1493.000	69.27	-21.53	47.74	74.00	-26.26	peak	
3		1714.000	65.35	-20.59	44.76	74.00	-29.24	peak	
4		2581.000	63.43	-14.67	48.76	74.00	-25.24	peak	
5		3125.000	61.01	-15.00	46.01	74.00	-27.99	peak	
6		4995.000	61.05	-10.00	51.05	74.00	-22.95	peak	
7	*	4995.000	50.21	-10.00	40.21	54.00	-13.79	AVG	

\*:Maximum data    x:Over limit    !:over margin

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### Mode\_1\_V

Site: SGS 966 Chamber A      Polarization: **Vertical**      Temperature: 18 °C  
 Limit: FCC Class B 3M Radiation(1G-40G)(Pea      Power: AC 120V/60Hz      Humidity: 59 %  
 Mode: Mode\_1      Distance:  
 Note:

### Radiated Emission



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1068.000	69.96	-23.40	46.56	74.00	-27.44	peak	
2		1238.000	70.28	-22.65	47.63	74.00	-26.37	peak	
3		1493.000	68.62	-21.53	47.09	74.00	-26.91	peak	
4		1782.000	68.40	-20.31	48.09	74.00	-25.91	peak	
5		2581.000	60.59	-14.67	45.92	74.00	-28.08	peak	
6		4995.000	60.86	-10.00	50.86	74.00	-23.14	peak	
7 *		4995.000	48.62	-10.00	38.62	54.00	-15.38	AVG	

\*.Maximum data    x:Over limit    | :over margin

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**\*\* End of Report \*\***

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